

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	37	("4637397" "5107834" "5224476" "5522854" "5540723" "5609621" "5792189" "5865838" "5978704" "5978705" "5987354" "6002962" "6006131" "6148230" "6205357" "6243603" "6246908" "6643545" "7020518").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 10:04
S2	109	(600/512).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 10:06
S3	2	("6,236,883").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 10:06
S4	6	("5609158"   "5690611").PN. OR ("6236883").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 10:06
S5	12	("20030083587"   "4742458"   "5522855"   "5620471"   "6097983"   "6236883"   "6266554"   "6324421"   "6381493"   "6397100"   "6760615"   "6760622").PN. OR ("6980861").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 10:08
S6	8	("5311867").PN. OR ("5634469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 10:15
S7	28	("3565060"   "4539995"   "4550502"   "4721114"   "4751471"   "4751928"   "4852572"   "4865039"   "4974598"   "5054496"   "5146926"   "5311873"   "5313953"   "5483968"   "5595183"   "5609158"   "5634469"   "5724984"   "5733151"   "5772604"   "5794624"   "5818570"   "5840038"   "5891049"   "5908393"   "6038476"   "6047206").PN. OR ("6760620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 10:16

## EAST Search History

S8	96	("4105023"   "4149527"   "4244376"   "4674509"   "4723553"   "4793361"   "4868773"   "5010888"   "5029118"   "5168459"   "5238000"   "5267567"   "5273049"   "5311873"   "5311874"   "5323781"   "5324284"   "5391199"   "5405375"   "5409000"   "5409007"   "5411025"   "5413105"   "5415166"   "5436564"   "5447519"   "5450846"   "5454370"   "5476495"   "5485849"   "5487391").PN. OR ("5595183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 10:20
S9	203	("600"/\$.ccls.) and (induc\$5 with fibrillation)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 10:55
S10	214	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and (induc\$5 with fibrillation) and (etopic or foci)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:24
S11	240	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and (induc\$5 with fibrillation) and (ectopic or foci)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:25
S12	79	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and (induc\$5 with fibrillation) and ectopic	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:25
S13	40	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and (induc\$5 with fibrillation) and (ectopic with (focus or foci))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:36
S14	2	("20010056289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:29
S15	28	("3565060"   "4539995"   "4550502"   "4721114"   "4751471"   "4751928"   "4852572"   "4865039"   "4974598"   "5054496"   "5146926"   "5311873"   "5313953"   "5483968"   "5595183"   "5609158"   "5634469"   "5724984"   "5733151"   "5772604"   "5794624"   "5818570"   "5840038"   "5891049"   "5908393"   "6038476"   "6047206").PN. OR ("6760620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:29
S16	37	("4354497"   "4790317"   "4799493"   "4974598"   "5058599"   "5107850"   "5158079"   "5366486"   "5366487"   "5366587"   "5400796"   "5439483"   "5464431"   "5476503"   "5549641"   "5605159"   "5676153").PN. OR ("5868680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:32

## EAST Search History

S17	22	("5292348"   "5366486"   "5546951"). PN. OR ("5676153").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:33
S18	22	("4732158"   "5020540"   "5450846"). PN. OR ("5605159").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:33
S19	137	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and ((local\$6 or locat\$6) with (ectopic or etopic))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 16:57
S20	12	("20030069511" "20040176696" "200 40176697" "20040220489" "5109862"  "5549109" "5578007" "5609158" "56 76153" "5782899" "5868680" "662204 2").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:41
S21	2	("4,354,497").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:41
S22	38	("4173228"   "4431005"   "4478223"   "4613866"   "4697595"   "4699147"   "4821731"   "4898181"   "4945305"   "5042486"   "5054492"   "5054496"   "5056517"   "5081993"   "5158092"   "5161536"   "5211165"   "5220924"   "5228442"   "5273038"   "5295484"   "5305745"   "5323781"   "5324284"   "5325860"   "5372138"   "5377678"   "5385146"   "5391199"   "5433198"   "5558091"   "5588432"   "5687737"   "5713363"   "5738096"   "5840031"   "6004269"   "6603996").PN. OR ("6978168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 11:44
S23	14	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and ((local\$6 or locat\$6) with (ectopic or etopic)) and (induc\$ with fibrillation)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 12:57
S24	2	("5,181,511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:52
S25	28	("3565060"   "4539995"   "4550502"   "4721114"   "4751471"   "4751928"   "4852572"   "4865039"   "4974598"   "5054496"   "5146926"   "5311873"   "5313953"   "5483968"   "5595183"   "5609158"   "5634469"   "5724984"   "5733151"   "5772604"   "5794624"   "5818570"   "5840038"   "5891049"   "5908393"   "6038476"   "6047206"). PN. OR ("6760620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:08

## EAST Search History

S26	232	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and ((local\$6 or locat\$6) with (arrhythmia or tachycardia or fibrillation)) and (induc\$5 with fibrillation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:24
S27	227	S26 and (pace or pacing or defibrillate or defibrillation of defibrillating)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:13
S28	202	S26 and (pacemaker or defibrillator)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:25
S29	234	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and ((origin or site or region or location) with (arrhythmia or tachycardia or fibrillation)) and (induc\$5 with fibrillation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:17
S30	156	S26 and S29	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:25
S31	19	("5269298"   "5494042").PN. OR ("5855592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:23
S32	2	("4,390,021").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/25 13:23
S33	565	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and ((local\$6 or locat\$6) with (origin or site or region or location)) and (induc\$5 with fibrillation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:25
S34	155	S26 and S29 and S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:25
S35	134	S34 and (pacemaker or defibrillator)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:25
S36	16	rottenberg-william-b.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 16:57
S37	133	ideker.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/25 16:57
S38	57	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and S37	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 15:06

## EAST Search History

S39	51	obel.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:22
S40	42	("5161528"   "5209229"   "5403356"   "5433729"   "5464433"   "5490862"   "5683429").PN. OR ("5865838"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:24
S41	21	("4548203"   "4708145"   "5324309"   "5344429"   "5466254"   "5531764"   "5720768"   "5814079"   "5836975"   "5836976"   "5865838"   "5902324"   "5968079"   "5978704"   "5987354"   "6006131"   "6096064"   "6205357"   "6370427").PN. OR ("6735472"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 17:26
S42	2	(pace or pacing or defibrillate or defibrillation of defibrillating) adj ectopic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/26 12:43
S43	187	(pace or pacing or defibrillate or defibrillation of defibrillating) with ectopic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/26 12:43
S44	6	((("20030199955") or ("6882881") or ("5995868")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/08 14:37
S45	2	("5161528").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/08 14:37
S46	2	"745841".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:31
S47	50	("20030105495" "20050090870" "440 2323" "4777955" "4787389" "5334220 " "5464435" "5485849" "5552645" "5 683429" "5687737" "5876336" "61285 35" "6141588" "6205357" "6226542"   "6243603" "6246898" "6301496" "633 0476" "6377856" "6885889" "6915149 ").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:45

## EAST Search History

S48	1	(induc\$4 with fibrillation) same ("activation potential" or "myocardial activation" or "monophasic activation")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:47
S49	3	("20020087089").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/03 13:45
S50	9	(induc\$4 with fibrillation) same "activation times"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:46
S51	112	(induc\$4 with fibrillation) same refractory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:47
S52	97	(induc\$4 with fibrillation) same (refractory adj (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:56
S53	2	("5,129,392").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/03 13:48
S54	40	("4354497"   "4790317"   "4799493"   "4974598"   "5058599"   "5107850"   "5158079"   "5366486"   "5366487"   "5366587"   "5400796"   "5439483"   "5464431"   "5476503"   "5549641"   "5605159"   "5676153").PN. OR ("5868680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 13:52
S55	12	("20030069511"   "20040176696"   "20040176697"   "20040220489"   "5109862"   "5549109"   "5578007"   "5609158"   "5676153"   "5782899"   "5868680"   "6622042").PN. OR ("7117030").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 13:53
S56	2	(induc\$4 with fibrillation) same "power spectrum"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:55

## EAST Search History

S57	1	(induc\$4 with fibrillation) same (power adj2 analysis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/03 13:57
S58	2	("20010056289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/03 13:57
S59	2	((initiat\$4 or induc\$4) with (fibrillation or arrhythmia)) same "power spectrum"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:57
S60	1	((initiat\$4 or induc\$4) with (fibrillation or arrhythmia)) same (power adj2 analysis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:57
S61	429	((initiat\$4 or induc\$4) with (fibrillation or arrhythmia)) same (refractory adj (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:56
S62	488	((initiat\$4 or induc\$4) with (fibrillation or arrhythmia)) same refractory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:57
S63	488	S61 or S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:57
S64	387	("600"/\$.ccls.) or ("607"/\$.ccls.) and S63	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 13:05
S65	14	((initiat\$4 or induc\$4) with (fibrillation or arrhythmia)) same "activation times"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 12:58
S66	4	((initiat\$4 or induc\$4) with (fibrillation or arrhythmia)) same ("activation potential" or "myocardial activation" or "monophasic activation")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 13:00

## EAST Search History

S67	10	("20020016550"   "5425749"   "6035233"   "6115627"   "6161041"   "6205357"   "6272377"   "6308094"   "6370431"   "6400982").PN. OR ("7076299").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 12:59
S68	2	"808728".apn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 13:05
S69	34	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and focal.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 13:05
S70	28	("3565060"   "4539995"   "4550502"   "4721114"   "4751471"   "4751928"   "4852572"   "4865039"   "4974598"   "5054496"   "5146926"   "5311873"   "5313953"   "5483968"   "5595183"   "5609158"   "5634469"   "5724984"   "5733151"   "5772604"   "5794624"   "5818570"   "5840038"   "5891049"   "5908393"   "6038476"   "6047206").PN. OR ("6760620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 13:06
S71	218	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and ((reentry or "re-entry" or "re entry") adj circuit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 15:08
S72	1068	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and wavelets	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 15:14
S73	193	((("600"/\$.ccls.) or ("607"/\$.ccls.)) and (wavelets with (atrial or ventricular or arrhythmia or flutter or fibrillation or tachycardia or tacharrhythmia))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 15:15
S74	397	S71 or S73	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 15:15
S75	55	S74 and ((electrode or pacing or pulses or defibrillate or defibrillation) with (wavelet or reentry or "re-entry" or "re entry"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 15:16